

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L33	3	"20040075771"	US;PGPUB; USPAT; USCCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/15 18:51
L34	6356409	computer or software or article or medium	US;PGPUB; USPAT; USCCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/15 19:01
L35	2	"20050289606"	US;PGPUB; USPAT; USCCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/15 19:02
L36	0	34 and 35	US;PGPUB; USPAT; USCCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/15 19:02
S1	2	((MASAYUKI) near2 (TSUMURA)).INV.	US;PGPUB; USPAT	ADJ	ON	2009/10/15 15:43
S2	380546	"SONY"	US;PGPUB; USPAT; USCCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/15 15:58

S3	25922170	@ad<="20021126"	US_PGPUB; USPAT; USCCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/15 16:00
S5	409	demodulat\$4 same (((real near3 imaginary) or complex) near3 (axis or plane or direction))	US_PGPUB; USPAT; USCCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/15 16:05
S6	65	demodulat\$4 same (((real near3 imaginary) or complex) near3 (axis or plane or direction)).clm.	US_PGPUB; USPAT; USCCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/15 16:06
S7	110	(carrier\$1to\$1noise ratio or CNR or C/N) same amplitude and (amplitude near3 direction)	US_PGPUB; USPAT; USCCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/15 16:07
S8	10	(carrier\$1to\$1noise ratio or CNR or C/N) same amplitude and (amplitude near3 direction).clm.	US_PGPUB; USPAT; USCCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/15 16:07
S9	7	(phase near3 noise near3 detect\$4) same (carrier\$1to\$1noise ratio or CNR or C/N) and (amplitude near3 direction) and (phase near3 direction)	US_PGPUB; USPAT; USCCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/15 16:11

S10	4	(phase near3 noise near3 detect\$4) same (carrier\$1to\$1noise ratio or CNR or C/N) and (amplitude near3 direction) and (phase near3 direction).clm.	US_PGPUB; USPAT; USCCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/15 16:11
S11	236	(display or "OSD" or (on\$1screen near3 display)) and (phase near3 (noise or error or jitter)) and (carrier\$1to\$1noise ratio or CNR or C/N)	US_PGPUB; USPAT; USCCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/15 16:12
S12	25	(display or "OSD" or (on\$1screen near3 display)) and (phase near3 (noise or error or jitter)) and (carrier\$1to\$1noise ratio or CNR or C/N).clm.	US_PGPUB; USPAT; USCCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/15 16:12
S13	0	(alarm\$4 near3 (indicat\$4or messag\$4)) same (phase near3 noise) same (carrier\$1to\$1noise ratio or CNR or C/N) and ((amplitude and phase) near3 direction)	US_PGPUB; USPAT; USCCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/15 16:14
S14	0	(alarm\$4 near3 (indicat\$4or messag\$4)) same (phase near3 noise) same (carrier\$1to\$1noise ratio or CNR or C/N) and ((amplitude and phase) near3 direction).clm.	US_PGPUB; USPAT; USCCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/15 16:14
S15	0	(alarm\$4 near3 (indicat\$4or messag\$4)) and (phase near3 noise) and (carrier\$1to\$1noise ratio or CNR or C/N) and ((amplitude and phase) near3 direction).clm.	US_PGPUB; USPAT; USCCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/15 16:14

S16	700	(329/348-350,307).cols.	US_PGPUB; USPAT; USCCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/15 16:40
S17	7766	(375/269,273,283,323,324,327,343,329,371,375).cols.	US_PGPUB; USPAT; USCCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/15 16:52
S18	2	S5 and S7	US_PGPUB; USPAT; USCCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/15 16:54
S19	2245	demodulat\$4 and (((real near3 imaginary) or complex) near3 (axis or plane or direction))	US_PGPUB; USPAT; USCCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/15 16:55
S20	1	S19 and S11 and S7 and S8	US_PGPUB; USPAT; USCCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/15 16:56
S21	25	S11 and S17	US_PGPUB; USPAT; USCCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/15 16:56

S22	15	\$3 and \$21	US_PGPUB; USPAT; USCCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/15 16:56
S23	1	\$9 and \$22	US_PGPUB; USPAT; USCCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/15 16:57
S24	0	\$7 and \$16	US_PGPUB; USPAT; USCCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/15 16:58
S26	4	\$7 and \$9	US_PGPUB; USPAT; USCCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/15 16:58
S27	1	\$3 and \$26	US_PGPUB; USPAT; USCCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/15 16:58
S28	0	\$2 and \$19 and \$11	US_PGPUB; USPAT; USCCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/15 17:00

S29	7	S2 and S11	US_PGPUB; USPAT; USCCR; FPRS; EPO; JPO; DERWENT; BM_TDB	ADJ	ON	2009/10/15 17:00
S30	2195	(348/193,569,570,725).ocls.	US_PGPUB; USPAT; USCCR; FPRS; EPO; JPO; DERWENT; BM_TDB	ADJ	ON	2009/10/15 17:06
S31	109	(725/72).ocls.	US_PGPUB; USPAT; USCCR; FPRS; EPO; JPO; DERWENT; BM_TDB	ADJ	ON	2009/10/15 17:08
S32	719	(455/226,3,226,4).ocls.	US_PGPUB; USPAT; USCCR; FPRS; EPO; JPO; DERWENT; BM_TDB	ADJ	ON	2009/10/15 17:10
S33	4	S11 and S30	US_PGPUB; USPAT; USCCR; FPRS; EPO; JPO; DERWENT; BM_TDB	ADJ	ON	2009/10/15 17:11
S34	1	S7 and S32	US_PGPUB; USPAT; USCCR; FPRS; EPO; JPO; DERWENT; BM_TDB	ADJ	ON	2009/10/15 17:13

S35	2	S11 and S31	US_PGPUB; USPAT; USCCR; FPRS; EPO; JPO; DERWENT; BM_TDB	ADJ	ON	2009/10/15 17:13
-----	---	-------------	--	-----	----	---------------------

## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	42489	"SONY"	USPAT; UPAD	ADJ	ON	2009/10/15 17:25
L3	45	(carrier\$1to\$1noise ratio or CNR or C/N) same amplitude and (amplitude near3 direction)	USPAT; UPAD	ADJ	ON	2009/10/15 17:25
L4	459	(329/348-350,307).cols.	USPAT; UPAD	ADJ	ON	2009/10/15 17:25
L5	0	L2 and L3 and L4	USPAT; UPAD	ADJ	ON	2009/10/15 17:25
L6	229	demodulat\$4 same (((real near3 imaginary) or complex) near3 (axis or plane or direction))	USPAT; UPAD	ADJ	ON	2009/10/15 17:25
L7	36	demodulat\$4 same (((real near3 imaginary) or complex) near3 (axis or plane or direction)).clm.	USPAT; UPAD	ADJ	ON	2009/10/15 17:26
L9	5193	(375/269,273,283,323,324,327,343,329,371,375).cols.	USPAT; UPAD	ADJ	ON	2009/10/15 17:26
L10	1521	(348/193,569,570,725).cols.	USPAT; UPAD	ADJ	ON	2009/10/15 17:26
L11	481	(455/226,3,226,4).cols.	USPAT; UPAD	ADJ	ON	2009/10/15 17:26
L12	54	(725/72).cols.	USPAT; UPAD	ADJ	ON	2009/10/15 17:26
L13	1	(phase near3 noise near3 detect\$4) same (carrier\$1to\$1noise ratio or CNR or C/N) and (amplitude near3 direction) and (phase near3 direction)	USPAT; UPAD	ADJ	ON	2009/10/15 18:37
L14	163	(display or 'OSD' or (on\$1screen near3 display)) and (phase near3 (noise or error or jitter)) and (carrier\$1to\$1noise ratio or CNR or C/N)	USPAT; UPAD	ADJ	ON	2009/10/15 18:37

L16	0	11 and 7 and 10	USPAT; UPAD	ADJ	ON	2009/10/15 18:38
L17	4	14 and 10	USPAT; UPAD	ADJ	ON	2009/10/15 18:38
L18	0	14 and 10 and 6	USPAT; UPAD	ADJ	ON	2009/10/15 18:39
L19	1	3 and 11	USPAT; UPAD	ADJ	ON	2009/10/15 18:39
L20	7	12 and 2	USPAT; UPAD	ADJ	ON	2009/10/15 18:39
L22	0	12 and 2 and 7	USPAT; UPAD	ADJ	ON	2009/10/15 18:40
S36	3610617	@ad<="20021126"	USPAT; UPAD	ADJ	ON	2009/10/15 16:00
S37	42489	"SONY"	USPAT; UPAD	ADJ	ON	2009/10/15 16:00
S39	229	demodulat\$4 same (((real near3 imaginary) or complex) near3 (axis or plane or direction))	USPAT; UPAD	ADJ	ON	2009/10/15 16:05
S40	13	demodulat\$4 same ((real near3 imaginary) near3 axis )	USPAT; UPAD	ADJ	ON	2009/10/15 16:05
S41	36	demodulat\$4 same (((real near3 imaginary) or complex) near3 (axis or plane or direction)).clm.	USPAT; UPAD	ADJ	ON	2009/10/15 16:06
S42	1	demodulat\$4 same ((real near3 imaginary) near3 axis ).clm.	USPAT; UPAD	ADJ	ON	2009/10/15 16:06
S43	45	(carrier\$1to\$1 noise ratio or CNR or C/N) same amplitude and (amplitude near3 direction)	USPAT; UPAD	ADJ	ON	2009/10/15 16:07
S44	1	(phase near3 noise near3 detect\$4) same (carrier\$1to\$1 noise ratio or CNR or C/N) and (amplitude near3 direction) and (phase near3 direction)	USPAT; UPAD	ADJ	ON	2009/10/15 16:11
S45	1	(phase near3 noise near3 detect\$4) same (carrier\$1to\$1 noise ratio or CNR or C/N) and (amplitude near3 direction) and (phase near3 direction). clm.	USPAT; UPAD	ADJ	ON	2009/10/15 16:11
S46	15	(display or 'OSD' or (on\$1screen near3 display)) and (phase near3 (noise or error or jitter)) and (carrier\$1to\$1 noise ratio or CNR or C/N). clm.	USPAT; UPAD	ADJ	ON	2009/10/15 16:12

S47	0	(alarm\$4 near3 (indicat\$4or messag\$4)) and (phase near3 noise) and (carrier\$1to\$1noise ratio or CNR or C/N) and ((amplitude and phase) near3 direction)	USPAT; UPAD	ADJ	ON	2009/10/15 16:14
S48	0	(alarm\$4 near3 (indicat\$4or messag\$4)) and (phase near3 noise) and (carrier\$1to\$1noise ratio or CNR or C/N) and ((amplitude and phase) near3 direction)	USPAT; UPAD	ADJ	ON	2009/10/15 16:28
S49	459	(329/348-350,307).cols.	USPAT; UPAD	ADJ	ON	2009/10/15 16:40
S50	5193	(375/269,273,283,323,324,327,343,329,371,375).cols.	USPAT; UPAD	ADJ	ON	2009/10/15 16:51
S51	1521	(348/193,569,570,725).cols.	USPAT; UPAD	ADJ	ON	2009/10/15 17:06
S52	481	(455/226,3,226,4).cols.	USPAT; UPAD	ADJ	ON	2009/10/15 17:11

10/15/2009 7:03:51 PM

C:\Documents and Settings\rguarino\My Documents\EAST\Workspaces\10533630-allowance-2009.pts.wsp